Mechanical Cardiopulmonary Resuscitation (CPR) Market Positioned For Sustained Growth A t10.2% CAGR Through 2030

The Business Research Company's Mechanical Cardiopulmonary Resuscitation (CPR) Market Positioned For Sustained Growth A t10.2% CAGR Through 2030

The Business Research Company

LONDON, GREATER LONDON, UNITED KINGDOM, September 18, 2026 /EINPresswire.com/ -- "The mechanical cardiopulmonary resuscitation (CPR) market is experiencing significant momentum as advancements in emergency medical technologies continue to emerge. With rising cardiac arrest cases and technological innovations, this sector is set for notable expansion in the coming years. Below is a detailed overview of the market's size, key drivers, regional insights, and future growth prospects.

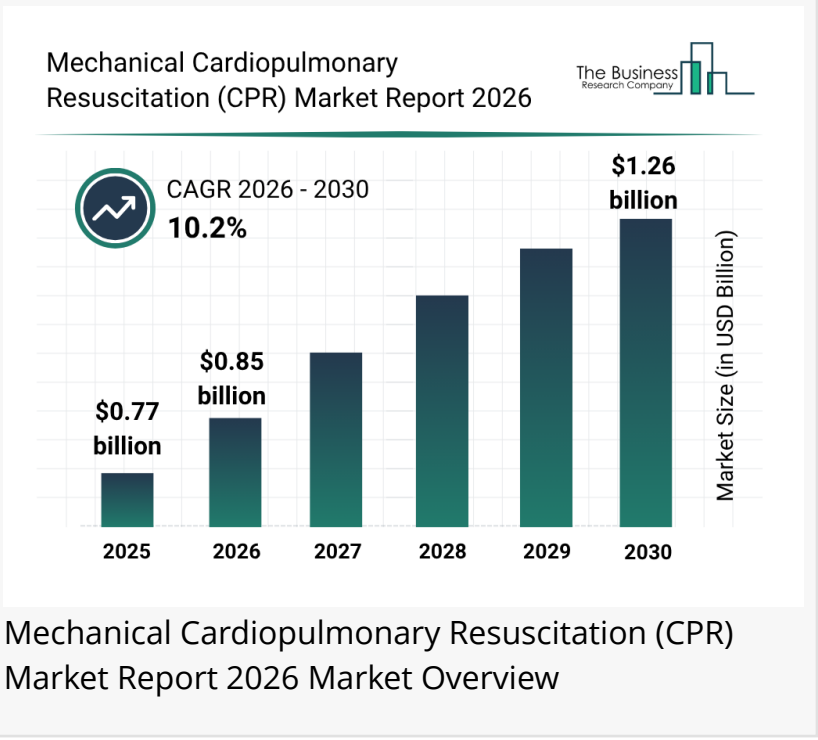
> Expected to grow to $1.26 billion in 2030 at a compound annual growth rate (CAGR) of 10.2%"
>
> *The Business Research Company*

Market Size and Growth Forecast for the Mechanical Cardiopulmonary Resuscitation (CPR) Market
The mechanical CPR market has witnessed strong development recently, with its value projected to rise from $0.78 billion in 2025 to $0.86 billion in 2026, reflecting a steady compound annual growth rate (CAGR) of 10.0%.

This increase during the past years has been fueled by a surge in cardiac arrest incidents, growing emphasis on delivering consistent quality in CPR, widespread adoption of automated emergency medical devices, enhancements in emergency medical services infrastructure, and heightened awareness of advanced life support technologies.
Looking ahead, the market is expected to continue its rapid growth trajectory, reaching $1.26 billion by 2030 with a CAGR of 10.2%. This forecasted expansion is supported by factors such as incorporating smart sensors into CPR devices, widespread use of portable resuscitation tools, growing demand for automated emergency response solutions, increased utilization of mechanical CPR during patient transfers, and rising investments in cutting-edge cardiac care equipment. Prominent trends shaping the future include adoption of automated chest compression systems, development of compact and mobile mechanical CPR devices, integration

of sophisticated feedback and monitoring systems, and increasing use of battery-operated resuscitation units.

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Mechanical Cardiopulmonary Resuscitation (CPR) Market Report 2026 Market Overview

Understanding Mechanical Cardiopulmonary Resuscitation (CPR) Technology

Mechanical CPR devices are automated life-support tools designed to provide consistent and high-quality chest compressions for patients suffering cardiac arrest. These machines ensure the proper depth and rate of compressions with minimal interruptions, which helps maintain continuous blood flow to vital organs. Their main objectives are to enhance the quality of CPR, minimize rescuer fatigue, and support effective resuscitation during extended emergency situations, transportation of patients, or complex medical procedures.

The Rising Impact of Cardiac Arrest on Market Growth

One of the primary factors propelling the mechanical CPR market is the increasing number of sudden cardiac arrest cases worldwide. Sudden cardiac arrest occurs when the heart abruptly stops beating efficiently due to an electrical malfunction, leading to a quick loss of blood circulation that demands immediate CPR and defibrillation. The growing prevalence of cardiovascular diseases contributes to the rising rates of fatal cardiac rhythm disturbances, thereby increasing the need for mechanical CPR devices that provide reliable and effective chest compressions throughout emergency treatment. For instance, the American Heart Association (AHA) reported in February 2026 that sudden cardiac arrest was responsible for 380,349 deaths in the United States in 2023. This alarming figure underscores the significant burden of cardiac arrest and reinforces the demand for mechanical CPR solutions to improve patient outcomes.

View the full mechanical cardiopulmonary resuscitation (cpr) market report: https://www.thebusinessresearchcompany.com/report/mechanical-cardiopulmonary-resuscitation-cpr-market-report?utm_source=EINPresswire&utm_medium=paid&utm_campaign=Sep_PR

Mechanical Cardiopulmonary Resuscitation (CPR) Market Trends Across Regions
In 2025, North America emerged as the largest market for mechanical CPR devices. However, the Asia-Pacific region is forecasted to experience the fastest growth during the coming years. The comprehensive market analysis includes key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a broad perspective on global market dynamics and opportunities.

What's new in our 2026 market reports:

• Market attractiveness scoring and analysis
• Total addressable market (TAM) analysis
• Company scoring matrix graphics and tables
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